**FIG. 1**

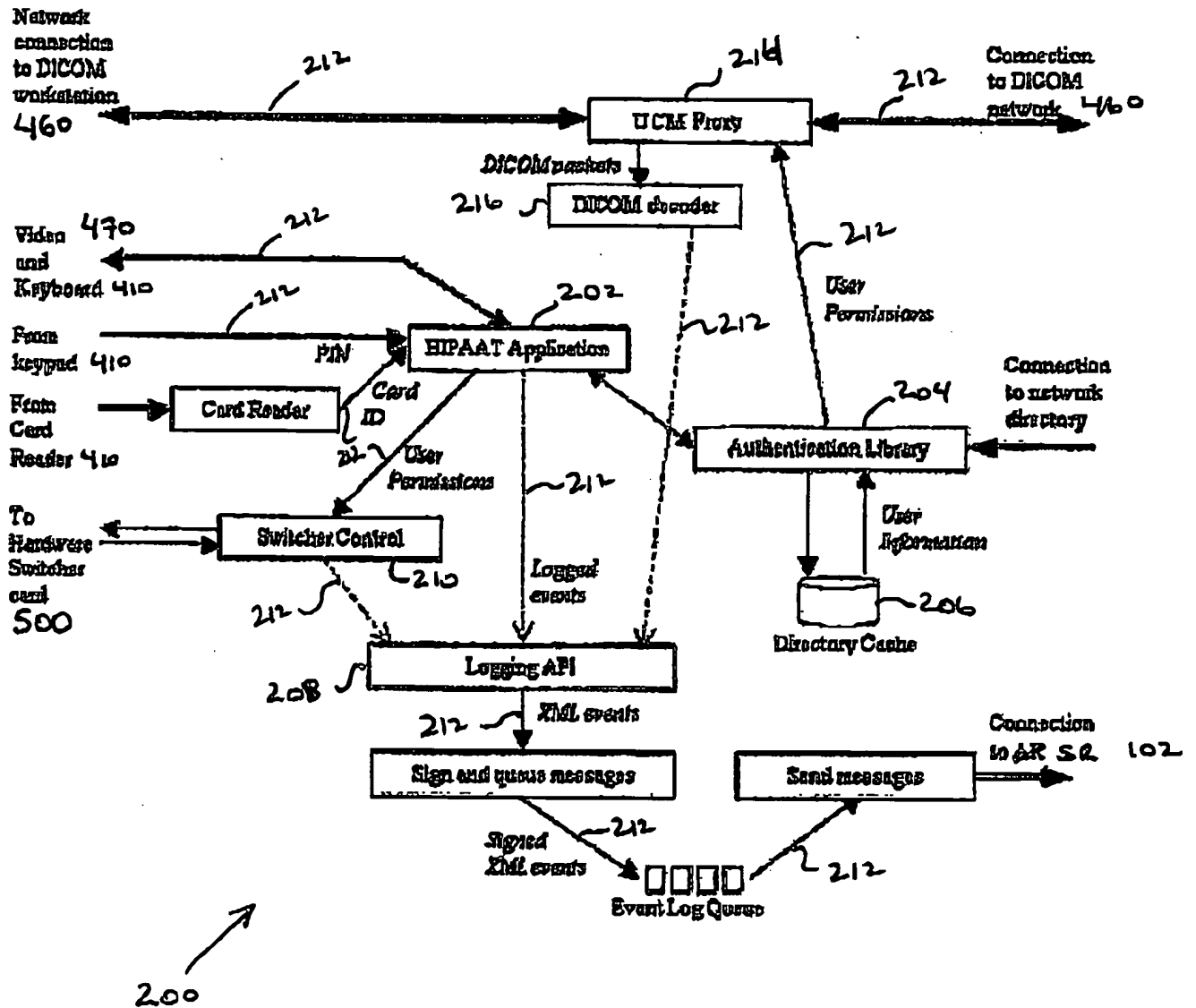
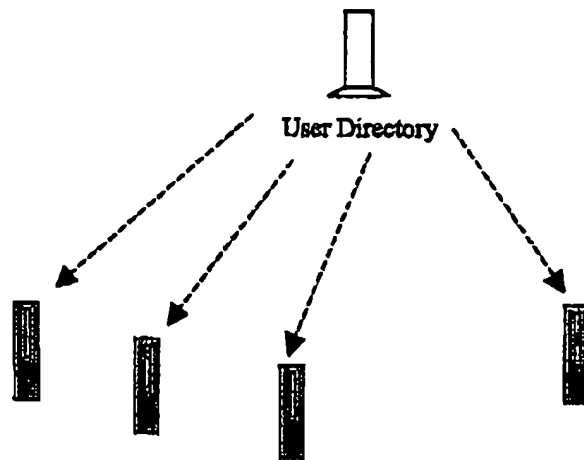
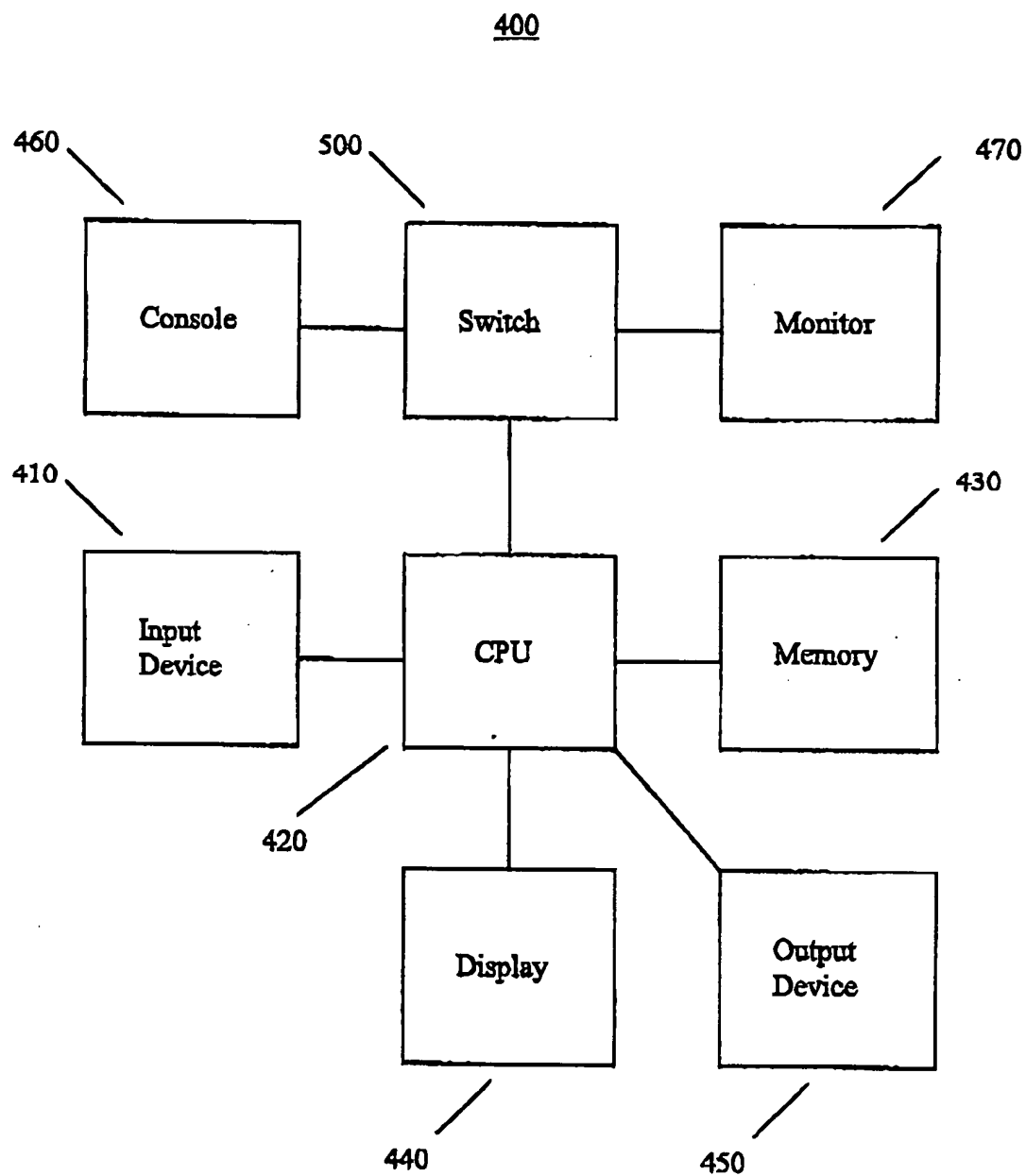


FIG. 2

**FIG. 3**

**FIG. 4**

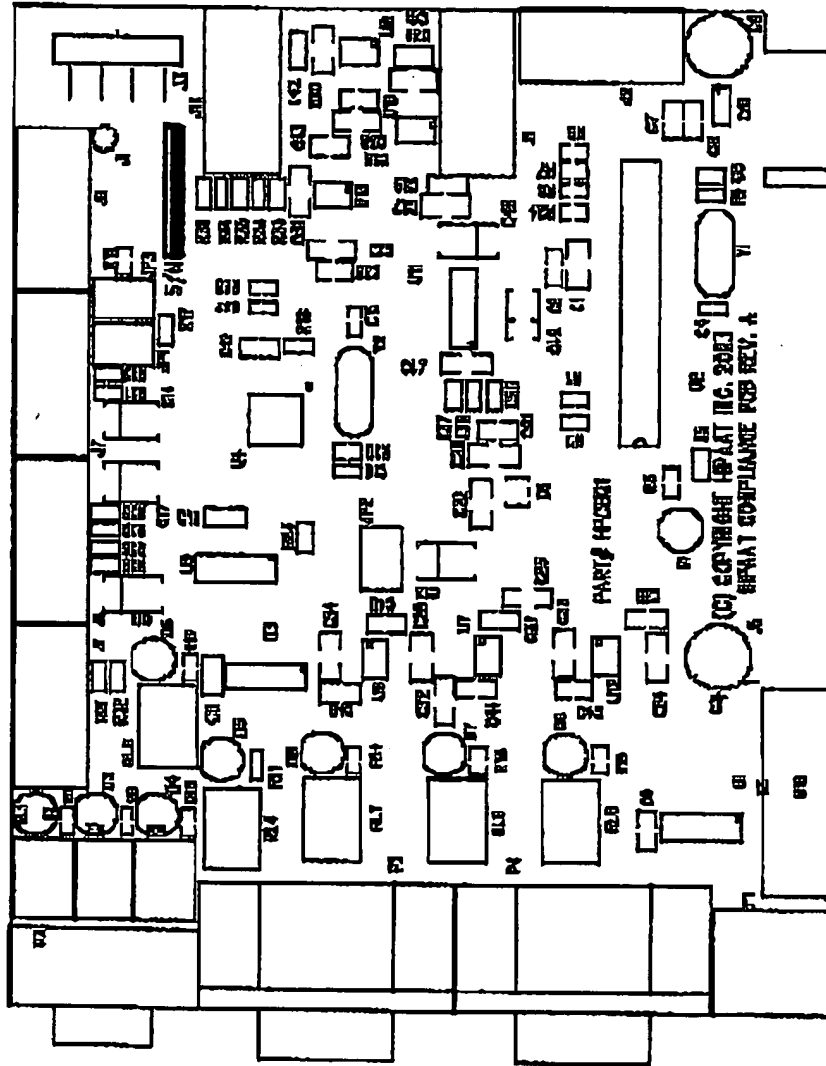


FIG. 5

BLF AND ASSOCIATES LTD.	PREPARED BY: DT TITLE: EPIFAT COMPLIANCE FOR DATE: MGT-31-2003
HPCBDA A	SILK SCREEN C/S

HIPAAT Gateway Compliance Board

Bill Of Materials

Page1

Item	Qty	Reference	Description	Value	Package	Manufacturer	Part Number	sq. mm	Ext. Area
1	3	C1,C20,C22 C2,C8,C7,C8,C10,C1	4.7UF 16V MLC X5R 10%	4.7UF 16V	1206	Kemet	C1206C475K4PAC TU	72	216
2	21	C12, C19,C21,C35,C38,C3	0.1UF MLC X7R 50V 10%	0.1UF	0805	AVX	080555C104KAT2A	40	840
		7,C38, C39,C40,C41,C42,C4						0	0
		3,C44, C45,C46						0	0
3	2	C8,C3	220UF 16V ELECT CAP	220UF 16V	0.1" RADIAL	Panasonic	EEU-FC1C221	70	140
4	4	C4,C5,C15,C16 C13,C14,C17,C18,C4	22PF NP0 50V 5% 100UF 16V TANTALUM LOW	22PF	0803	AVX	06035A220JAT2A	18	72
5	58	C23,C24,C25,C26,C2 C13,C14,C17,C18,C4	ESR 10%	100UF	D CASE	AVX	TPSD107K016R0125	30	150
6	137	C28, C29,C30,C31,C32,C3	2.2UF 16V MLC X5R	2.2UF	1206	AVX	1206YD225KAT2A	72	936
		3,C34, C47						0	0
7	1	C49	10UF 16V TANTALUM LOW	10UF	C CASE	Vishay	593D106X9016C2T	20	20
8	1	C50	ESR 10% 220PF 50V 10% MLC	220PF	0603	AVX	06035C222KAT2A	18	18

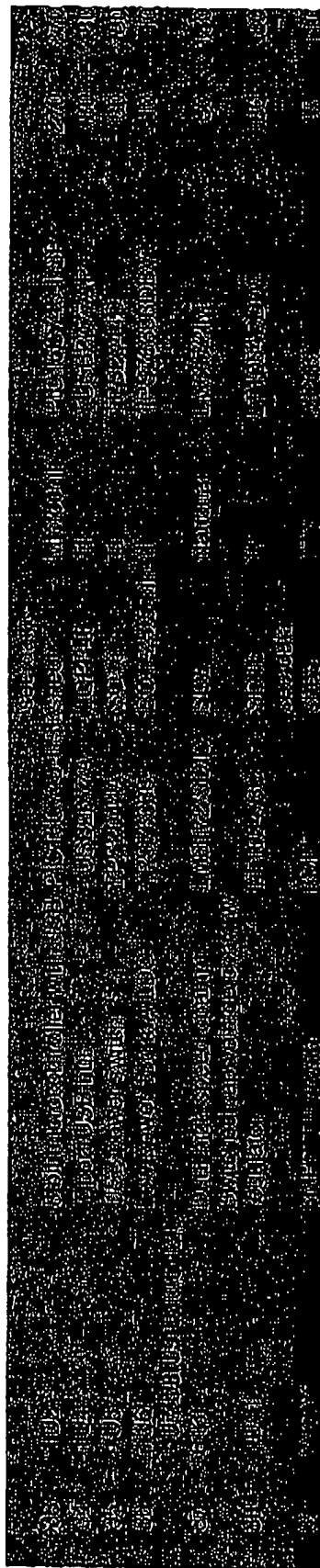
Fig. 6(a)

BEST AVAILABLE COPY

20	1R1	Resistor 47K 1/16W 5% SMT 47K	0603	Vishay	CRCW0603473JRT1	18	18
21	1R2	Resistor 1K 1/16W 5% SMT 1K	0603	Vishay	CRCW0603102JRT1	18	18
22	2R28,R3	Resistor 10K 1/16W 5% SMT 10K	0603	Vishay	CRCW0603103JRT1	18	36
23	1R4	Resistor 47R 1/16W 5% SMT 47R	0603	Vishay	CRCW0603470JRT1	18	18
24	R5,R9,R10,R11,R12, 9R13, R14,R15,R16	Resistor 330R 1/16W 5% SMT 330R	0603	Vishay	CRCW0603331JRT1	18	162
25	2R6,R7	Resistor 33R 1/16W 5% SMT 33R	0603	Vishay	CRCW0603330JRT1	18	36
26	3R8,R18,R20 R17,R19,R21,R22,R2	Resistor 1.5K 1/16W 5% SMT 1.5K	0603	Vishay	CRCW0603152JRT1	18	54
27	123,R24, R25,R26,R29,R30,R3 1,R32	Resistor 15K 1/16W 5% SMT 15K	0603	Vishay	CRCW0603153JRT1	18	216
28	1R27 R33,R34,R35,R36,R3	Resistor 4.7K 1/16W 5% SMT 4.7K	0603	Vishay	CRCW0603472JRT1	18	0
29	59	Resistor 75R 1/16W 1% SMT 75R	0603	Vishay	CRCW06037500FRT1	18	90
30	1R37	Resistor 20K 1/16W 1% SMT 20K	0603	Vishay	CRCW06032002FRT1	18	18
31	1R38	Resistor 102K 1/16W 1% SMT 102K	0603	Vishay	CRCW06031023FRT1	18	18

Fig. 6(b)

BEST AVAILABLE COPY

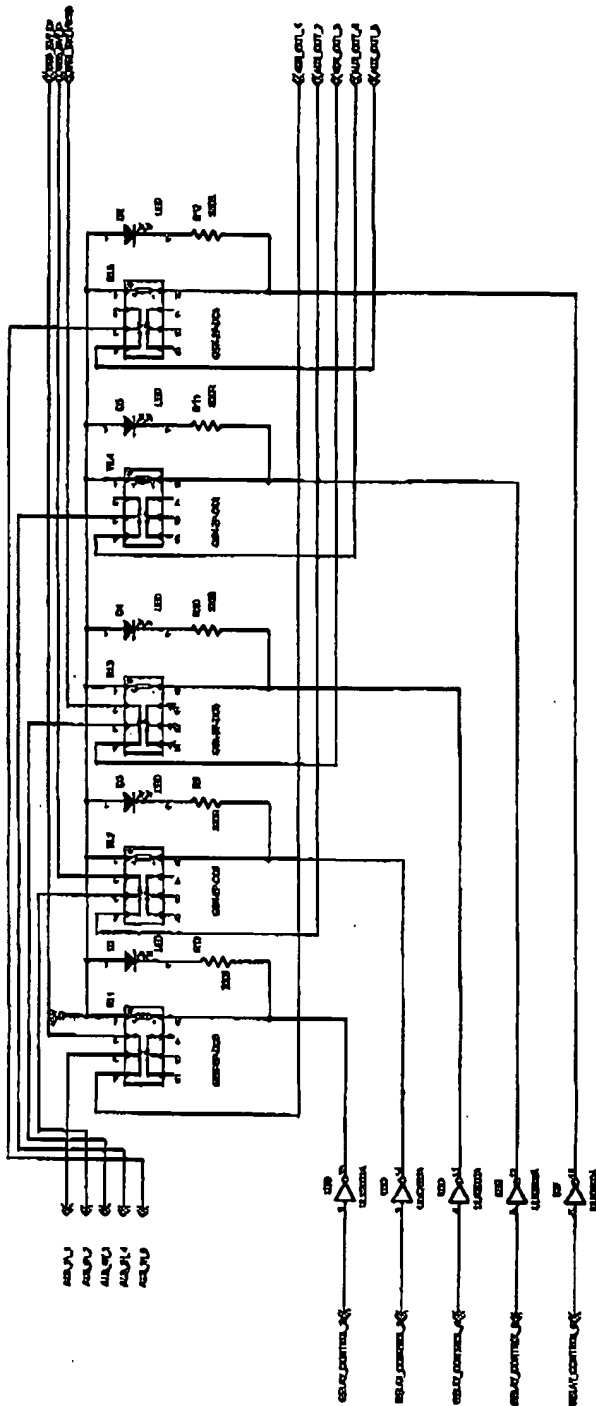


7694

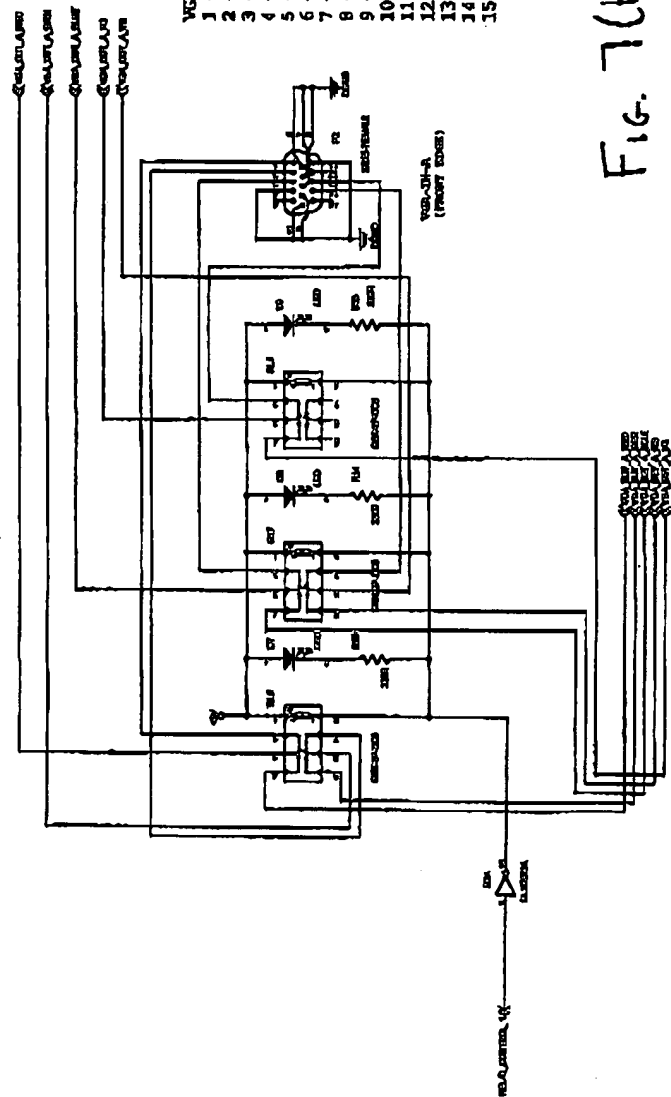
Fig. 6(c)

BEST AVAILABLE COPY

SIGNAL SWITCHING



- VCA PIN OUT
- 1 - RED
 - 2 - GREEN
 - 3 - BLUE
 - 4 - GND
 - 5 - NC
 - 6 - RED RETURN
 - 7 - GREEN RETURN
 - 8 - BLUE RETURN
 - 9 - GND
 - 10 - GND
 - 11 - GND
 - 12 - NC
 - 13 - HSYNC
 - 14 - VS/LRC
 - 15 - NC



UN-USED PARTS

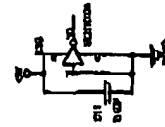


Fig. 7(b)

VCA-31-3

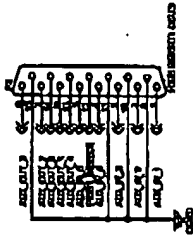
VGA OUT B



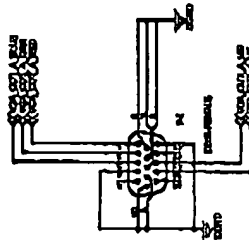
VGA IN B



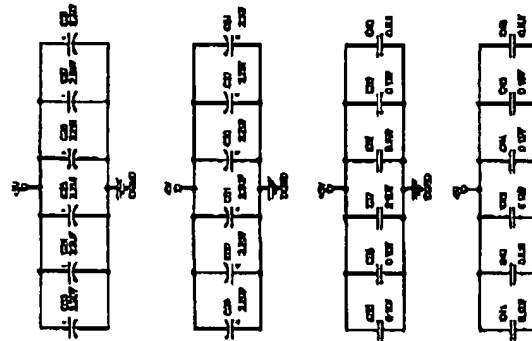
GENERIC IN/OUT
PRINT DETECT



VGA OUT A

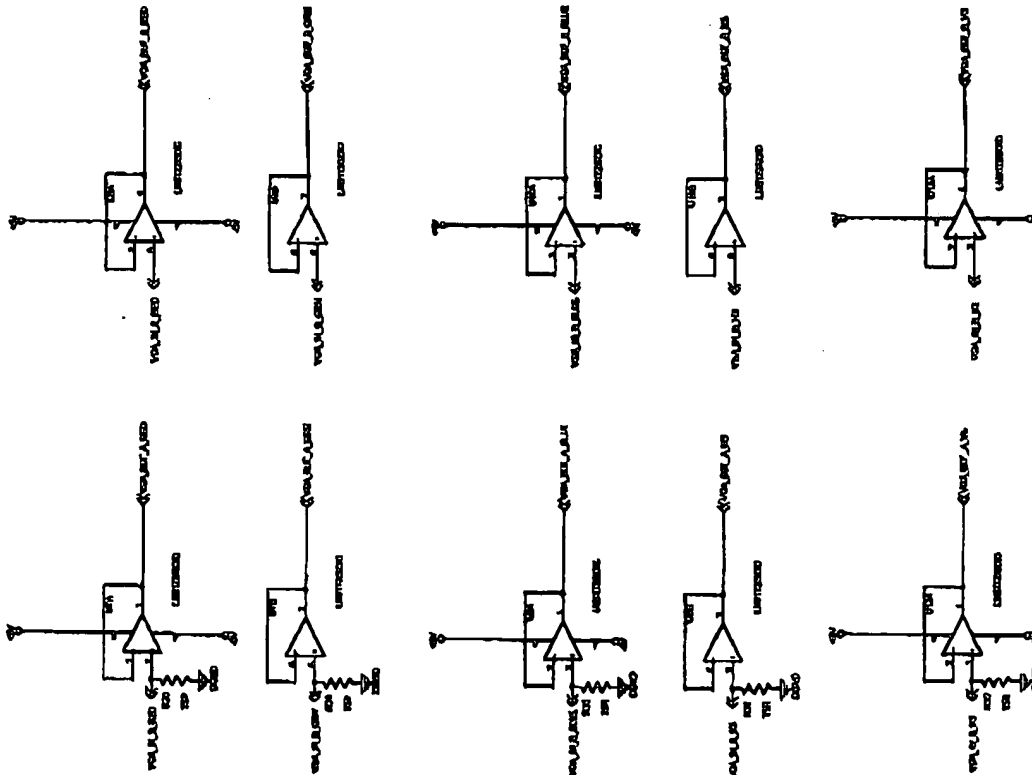


BYPASS CAPS



TAKE CAPS AS CLOSE TO CHIP AS POSSIBLE
PREVENT EXCESSIVE NOISE

VGA BUFFERS



UN-USED PARTS

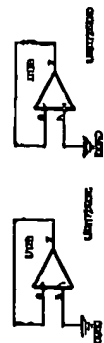
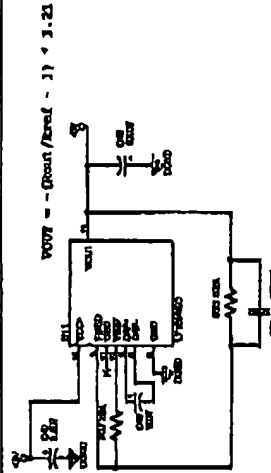


Fig. 7(d)



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----

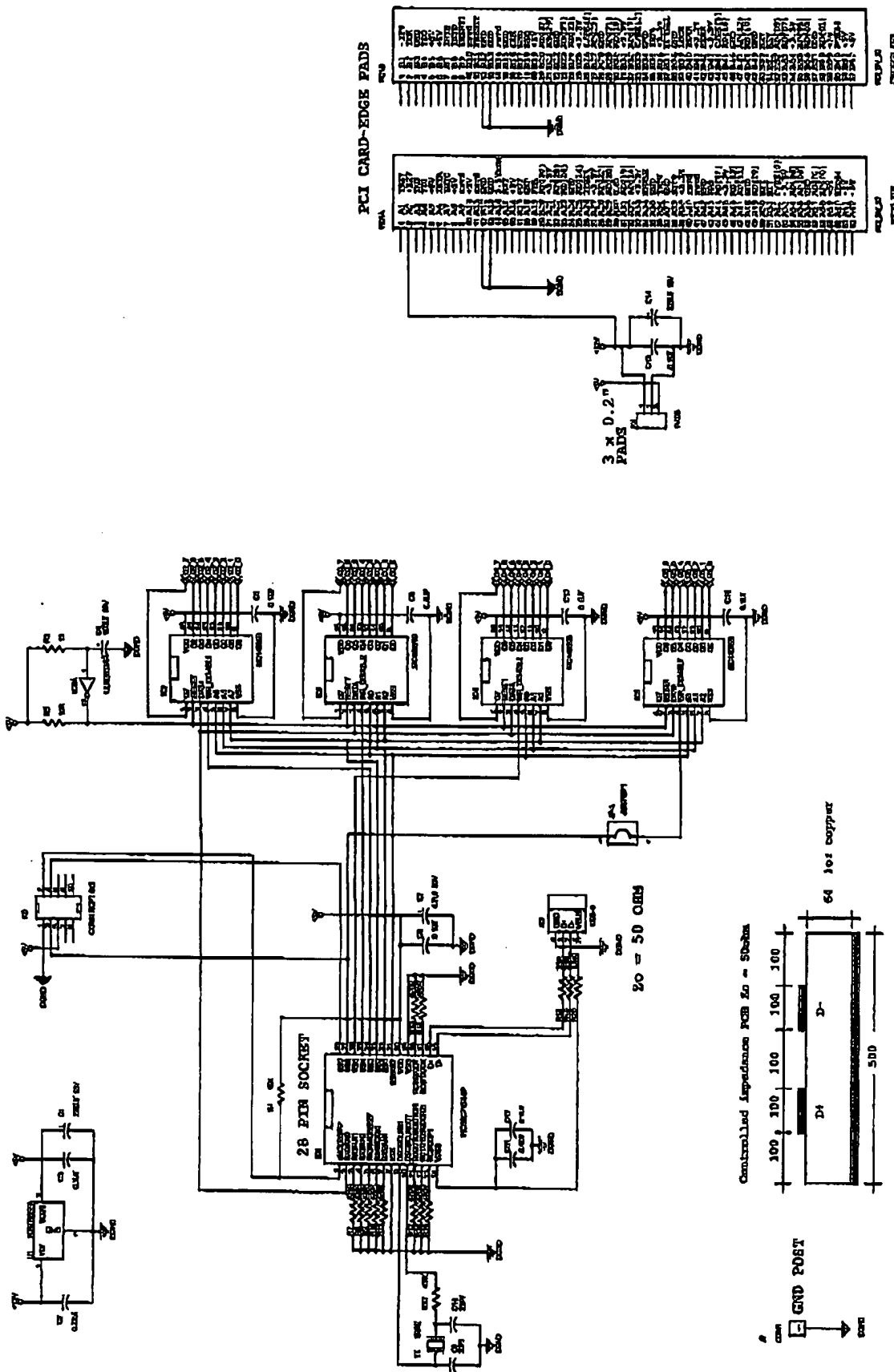


FIG. 8

The information on this drawing is proprietary and may not be copied or transmitted in any way unless with the written consent of the Barrac Group Inc.

The Barnard Group Inc. 710 Columbia Dr. Unit 8, Madison Coatesville, PA 19043		Project Name: Client Math S/W Board Project No.: 432298 Date: Monday, November 18, 2002		Title Designed For Ref: SCH30251ADSN		Page 0 Sheet 1 of 5		PCB Val: PCB02281A Drawn: Yuri Strydom Released By:	
--	--	--	--	--	--	------------------------	--	---	--

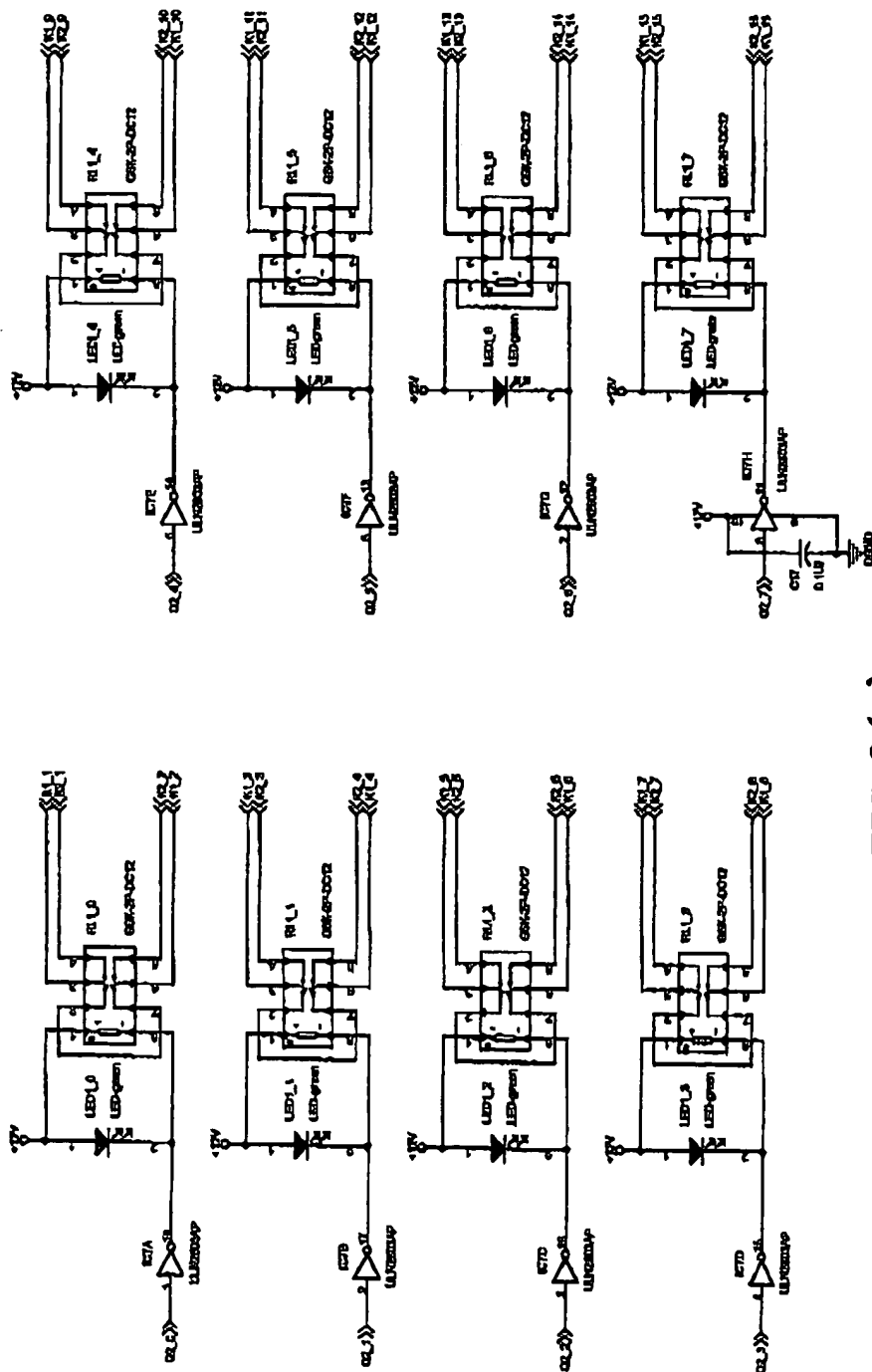


FIG. 9 (a)

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The Barantli Group Inc.

210 Constance Dr., Unit 68, Markham
Ontario, Canada, L3R 9B3

Tel: (805)-479-0148 Fax: (805)-479-0149

Project Name/Client

Main SW Board

Project no.:

J02038

Date:

Monday, November 18, 2002

Title:

Page 1

Designed:

Mihai Veres

File Ref:

SCH0281A.DSN

ECO No.

PCB Ver.:

PCB0281A

Dwnr:

Yuri Stoyanov

Sheet:

2 of 5

Released By:

Date

By

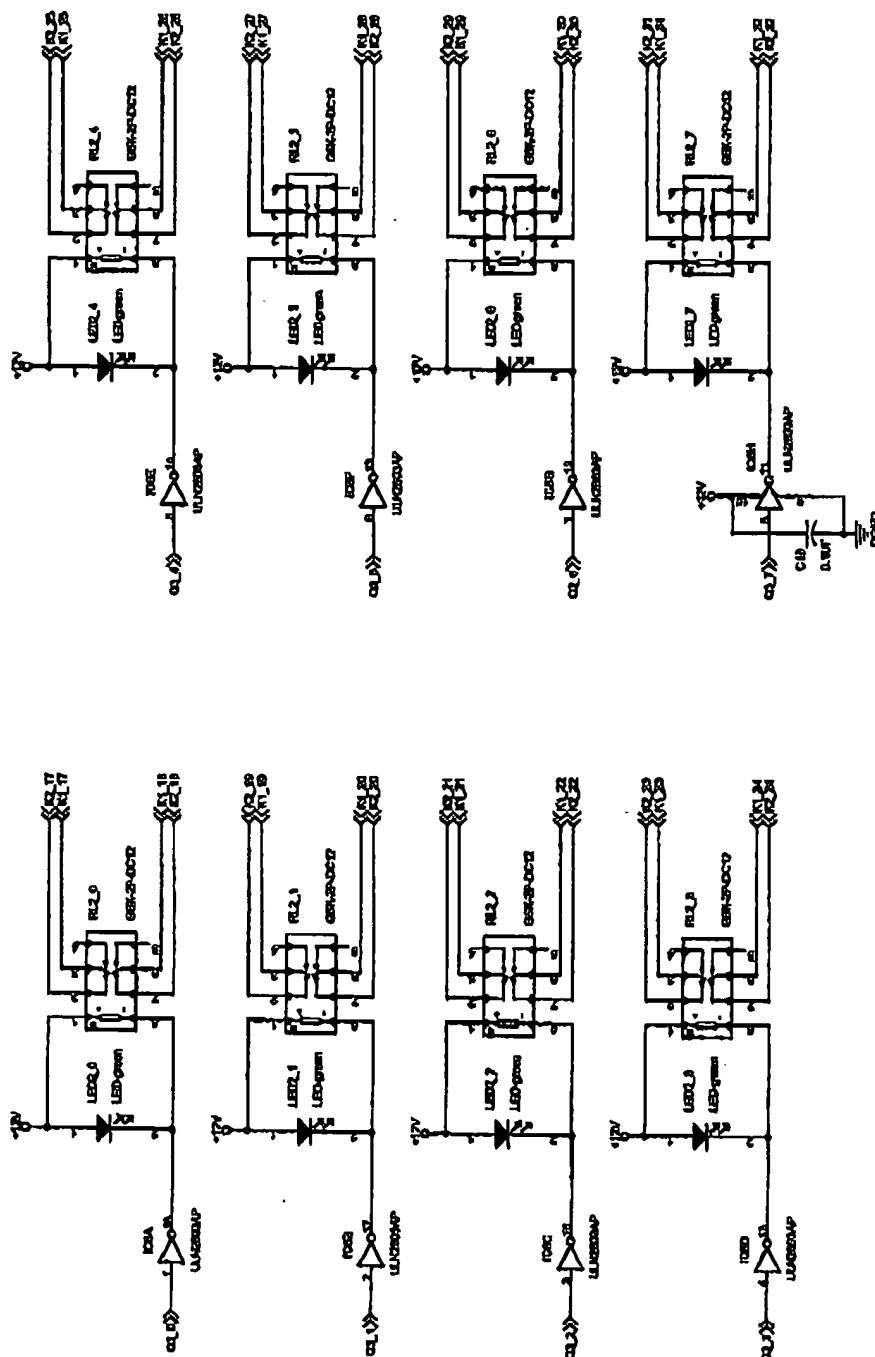


FIG. 9(b)

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210 Commerce Dr., Unit 104, Martineau
Ottawa, Ontario, K1H 8E5

Tel: (805)-478-0148 Fax: (805)-478-0149

Project Name/Client: Main SW Board

Project no.: J02038

Date: Monday, November 18, 2002

Title: Page 2

Designed: Mihail Veres

File Ref: SCH0281A.DSN

PCB Ver: PC80281A

Dwnr: Yuri Stoyanov

Sheet: 3 of 5

By

Date

Released By:

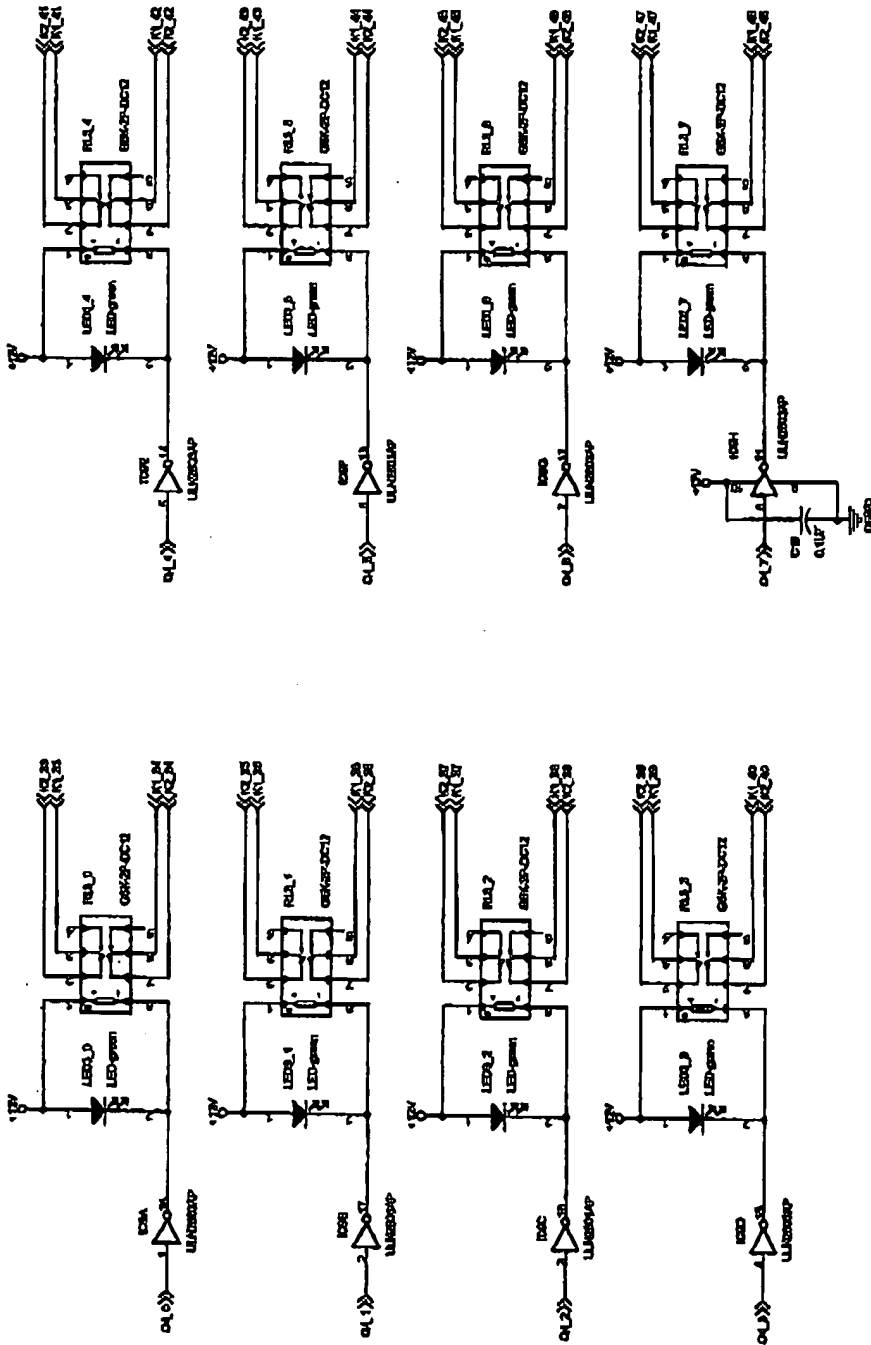


FIG. 9(c)

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The Barant Group Inc.

210 Ouchena Dr., Unit 68, Markham
Ontario, Canada, L3R 0E5

Tel: (905) 479-0148 Fax: (905) 479-0149

Project Name/Client: Main SW Board

Project no.: J2038

Date: Monday, November 18, 2002

Title: Page 3

Designed: Mihal Veres

File Ref: SCH0281ADSN

ECO No.

Date

By

PCB Ver.: PC802B1A

Dwn: Yuri Stoyanov

Released By:

Sheet 4 of 5

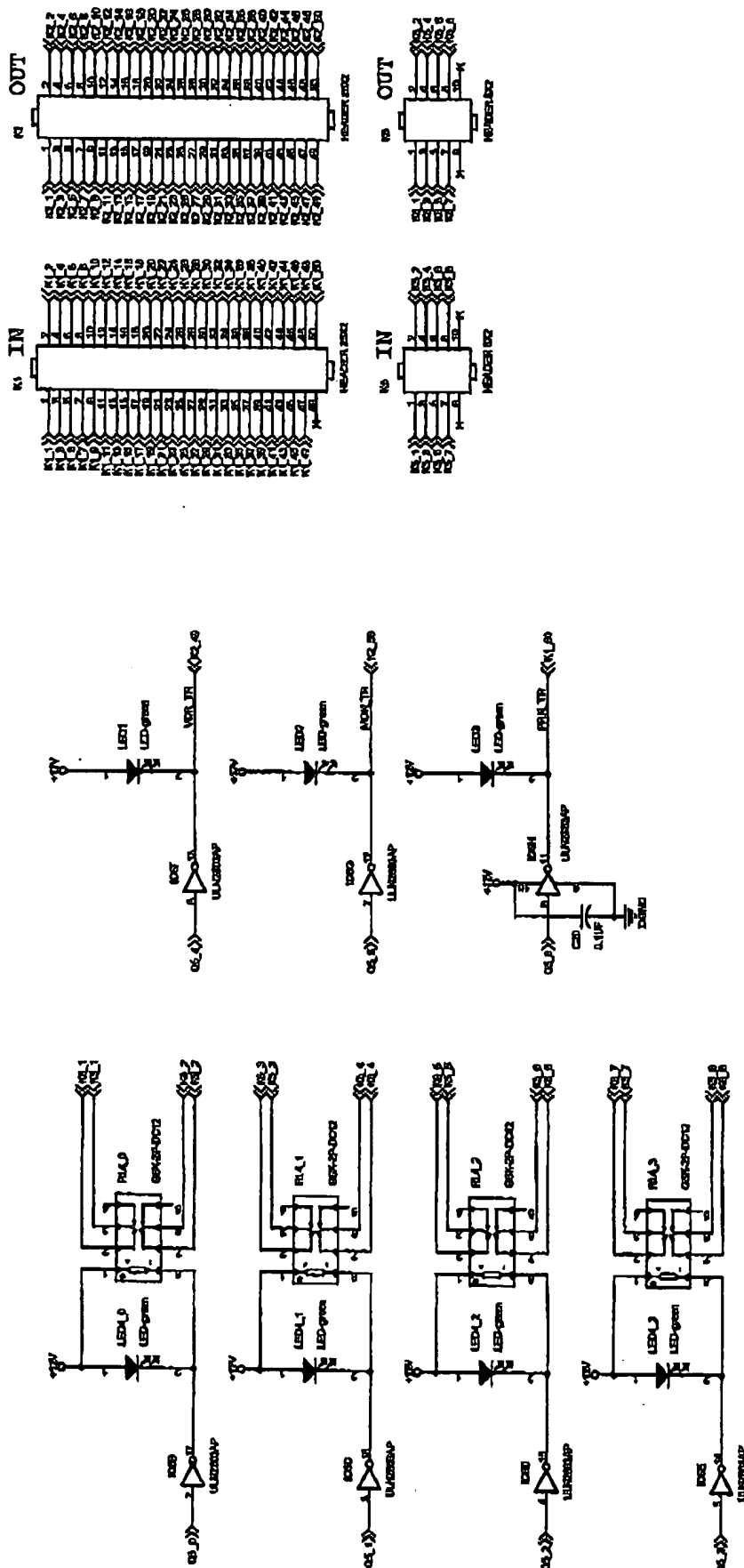


FIG. 9(d)

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The Baranti Group Inc. 210 Cochran Dr., Unit 61, Markham Ontario, Canada L3R 9E8 Tel: (905)-479-0148 Fax: (905)-479-0149		Project Name/Client	Main SW Board	Title:	Page 4	ECO No.	Date		By
Project no.: J02038		Designed:	Mihai Veneas	PCB Var.:	PCB0281A	Date		Released By:	
Date: Monday, November 18, 2002		File Ref:	SCH0281A.DSN	Drawn:	Yuri Stoyanov	Sheet		5 of 5	

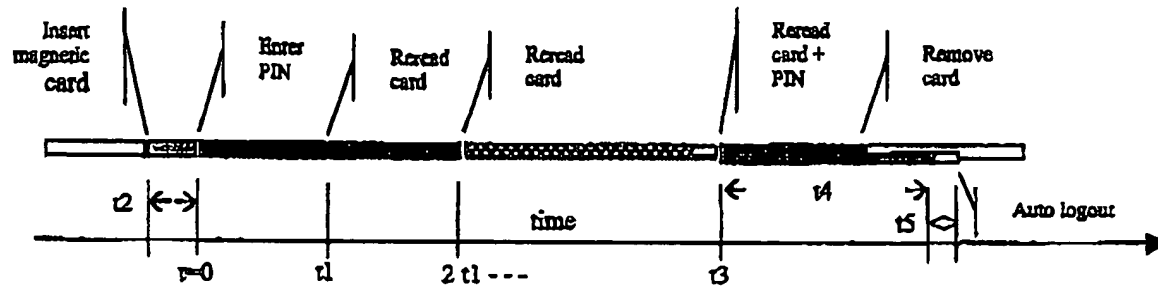


FIG. 10

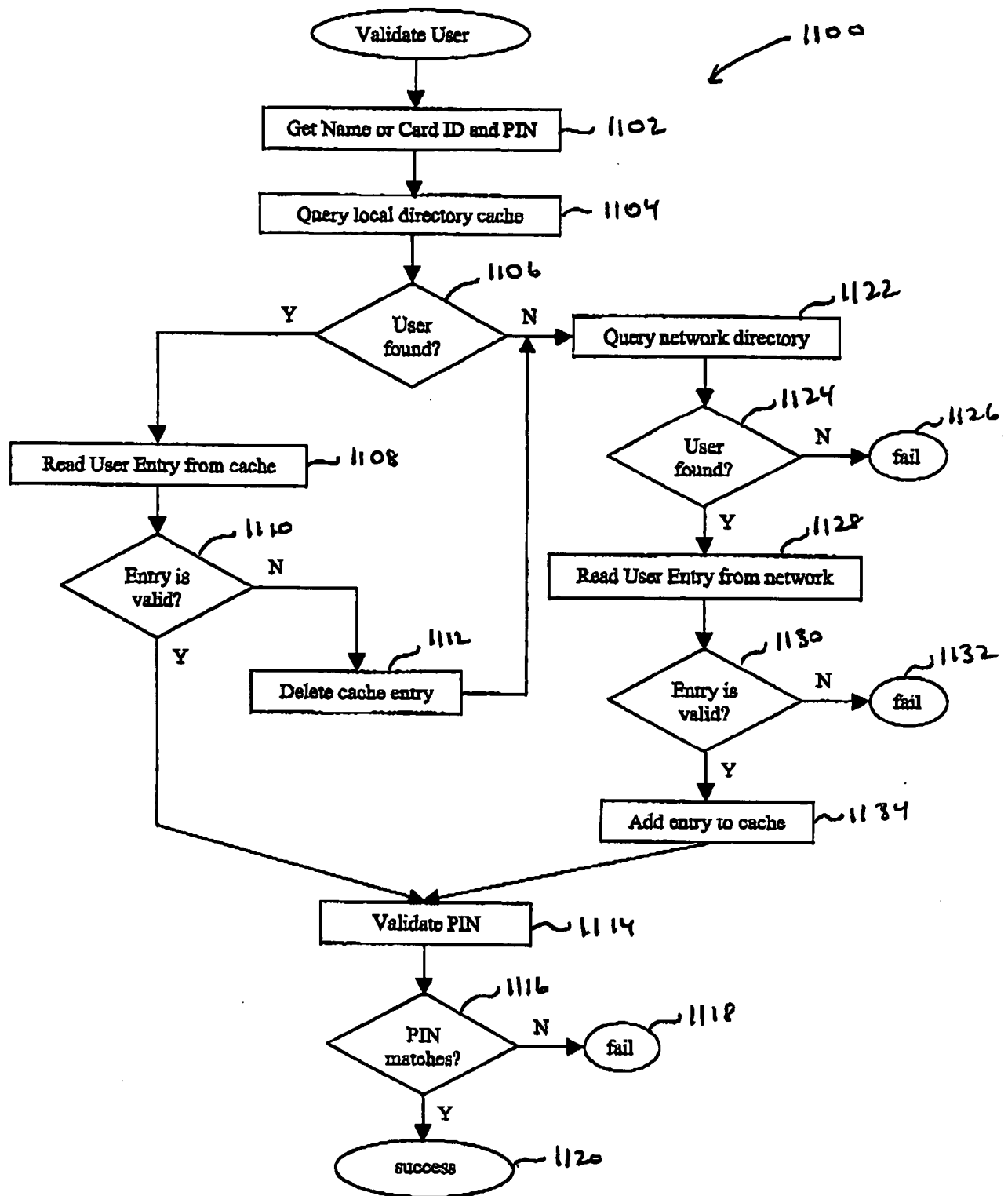


FIG. 11

```
<IHE-Syslog-Audit-Message>
  <Instances-stored>
    <Remote-node>
      <IP-address>10.0.2.3</IP-address>
      <Hostname>workstation</Hostname>
      <AE-Title>FIRSTAB</AE-Title>
    </Remote-node>
    <instance-action-description>
      <Object-Action>Create</Object-Action>
      <Accession-number>0283721693</Accession-number>
      <Study-uid>1.2.840.10008.3.3.3.3.1234</Study-uid>
      <Patient>
        <Patient-ID>98838737</Patient-ID>
        <Patient-name>John Doe</Patient-name>
      </Patient>
      <user>
        <local-user>msmith</local-user>
      </user>
      <SOP-Class-UID>1.2.840.10008.5.1.4.1.1.2</SOP-Class-UID>
      <SOP-Class-UID>1.2.840.10008.5.1.4.1.1.11.1</SOP-Class-UID>
      <SOP-Class-UID>1.2.840.10008.5.1.4.1.1.88.59</SOP-Class-UID>
      <number-of-instances>189</number-of-instances>
      <MPPS-uid>1.2.840.10008.3.3.3.3.1237</MPPS-uid>
    </instance-action-description>
  </Instances-stored>
  <Hostname>thishost</Hostname>
</IHE-Syslog-Audit-Message>
```

FIG. 12

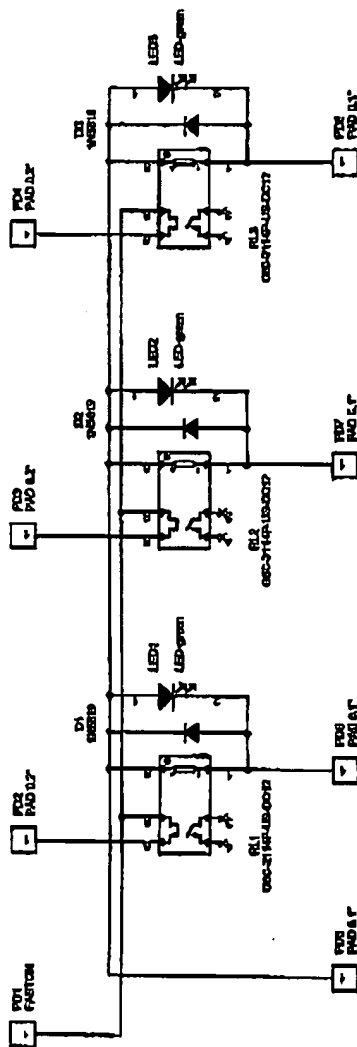


FIG. 13

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The Baranti Group Inc.

210 Commerce Dr., Unit #6, Markham
Ontario, Canada, L3R 8E8

Tel: (905)-479-0148 Fax: (905)-479-0149

Project Name/Clean: POWER SWITCH

Project no.: J02033

Date: Friday, November 15, 2002

Tel: POWER SWITCH

Designed: <Design>

File Ref: SCH0000A.DSN

ECO No.

PCB Ver.: PCB0000A

Drawn: Yuri Stepanov

Date

Sheet 1 of 1

Released By:

By